

# Declaration and Power of Attorney United States Patent Application

Rec'd PCT/PTO

17 NOV 2000

UNITED STATES  
Patents and Design Patents  
Sole & Joint Inventors  
Convention & Non-convention  
PCT & Non-PCT  
This form cannot be amended, altered  
or changed after it is signed.  
(For use only for inventors who  
understand the English language.)

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled **DECARBONATING GAS STREAMS USING ZEOLITE ADSORBENTS**

(check one) ☒ is attached hereto.

☒ was filed as U.S. Application No. \_\_\_\_\_ on 8 September 2000 and (if applicable) was amended on 8 September 2000 by Preliminary Amendment.

☒ was filed as PCT International Application No. PCT/FR99/00497 on 4 March 1999 and (if applicable) was amended under PCT Article 34 on \_\_\_\_\_.

(I authorize any attorney appointed below to insert information in the preceding blanks.)

I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) or §365(b) of any foreign and PCT application(s) for patent or inventor's certificate, or §365(a) of any PCT international application which designated at least one country other than the United States of America listed in this Declaration. I have also identified below any foreign application for patent or inventor's certificate or PCT international application having a filing date before that of the application(s) on which priority is claimed:

Foreign/PCT Application No.	Country	Filing Date	Priority Claimed? (yes/no)
98/02819	FRANCE	9 MARCH 1998	YES

I hereby claim the benefit under Title 35, United States Code, §120 or §365(c) of any United States application and PCT international application designating the United States of America listed in this Declaration and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application or PCT international application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

U.S. Application No.	Filing Date	Status (patented/pending/abandoned?)

The duty is acknowledged for the Preliminary Amendment, which is hereby incorporated by reference as part of the original disclosure.

I hereby claim priority benefits under Title 35 United States Code §119(e) of any U.S. provisional application(s) listed below:

U.S. Provisional Application No.	Filing Date

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I hereby appoint the following attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: Robert G. Weilacher (20,531), Herbert M. Hanegan (25,682), Frederick F. Calverti (28,557), J. Rodgers Lunsford, III (29,405), Michael A. Makuch (32,263), Dennis C. Rodgers (32,936), William F. Rauchholz (34,701), Michael C. Carrier (42,391), Eric J. Hanson (44,738), Patrick R. Delaney (45,338), Donna D. King (45,962) and Joseph M. Lewinski (46,383).

Send all correspondence to: Smith, Gambrell & Russell, LLP, Beveridge, DeGrandi, Weilacher & Young Intellectual Property Group, 1850 M Street, N.W. (Suite 800), Washington, D.C. 20036. All facsimiles may be sent to (202) 659-1462. Direct all phone calls to (202) 659-2811.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor: Dominique PLEE  
Residence (city, state, country): F-64140 Lons, FRANCE  
Post office address: 3, allée du Martin Pêcheur, F-64140 Lons, FRANCE

Citizenship: FRANCE

Signature: \_\_\_\_\_

Date: September, the 26<sup>th</sup> of 2000

Full name of second joint inventor, if any:

Citizenship:

Residence (city, state, country):

Post office address:

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

☐ Additional inventors and/or prior applications are listed in attached Supplemental Sheet(s).

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**ASSIGNMENT**

This assignment agreement is applicable to an invention entitled:

**DECARBONATING GAS STREAMS USING ZEOLITE ADSORBENTS**

The PATENT RIGHTS referred to in this agreement are:

- (check one) ☒ a patent application for this invention, executed by the ASSIGNOR(S) concurrently with this assignment.
- ☐ U.S. patent application Serial No. \_\_\_\_\_, filed \_\_\_\_\_.
- ☒ a U.S. patent application based on PCT International Application No. PCT/FR99/00497, filed on (date) 4 March 1999,  
(U.S. patent application Serial No. \_\_\_\_\_, if known).
- ☐ U.S. patent No. \_\_\_\_\_, issued \_\_\_\_\_.

The PATENT RIGHTS also include all divisions, reissues, continuations and extensions of the patents and patent applications identified above.

The PATENT RIGHTS assigned under this agreement are:

- (check one) ☒ U.S. patent rights only.
- ☐ Worldwide patent rights. In this case, the assignee shall have the right to claim the benefit of the filing date of any U.S. or foreign patent application for this invention.

The ASSIGNOR(S) referred to in this agreement is (or are) the inventor(s) whose signatures appear on page 2 of this Assignment and any Supplemental Sheet(s).

The ASSIGNEE referred to in this agreement is:

(Name of Assignee) CECA S.A.

(Address) 4/8 COURS MICHELET  
F-92800 PUTEAUX - FRANCE

The ASSIGNEE is:

- (check one) ☐ An Individual.
- ☐ A Partnership.
- ☒ A Corporation of FRANCE (specify state or country)
- ☐ (other) \_\_\_\_\_

The ASSIGNOR(S), receipt of which is acknowledged, hereby assign(s) the following rights to the ASSIGNEE, its successors and assigns:

the full and exclusive right to the invention;  
the entire right, title and interest in and to the PATENT RIGHTS;  
the right to sue and recover for any past infringement; and,

ASSIGNEE: CECA S.A.

INVENTION TITLE: DECARBONATING GAS STREAMS USING ZEOLITE ADSORBENTS


the right to sue and recover for any past infringement; and,  
the right to claim priority under 35 USC 119, 35 USC 120, or any other applicable provisions, based on any earlier patent applications for this invention.

As to all U.S. patent applications assigned under this agreement, the ASSIGNOR(S) hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue all Letters Patent to the ASSIGNEE as the assignee of the entire right, title and interest, for the sole use and enjoyment of said ASSIGNEE, its successors and assigns.

Further, the ASSIGNOR(S) agree(s) to communicate to said ASSIGNEE, or its representatives, any facts known to the ASSIGNOR(S) respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, substitute, renewal, reexamination and reissue applications, execute all necessary assignment papers to cause any and all Letters Patent to be issued to said ASSIGNEE, make all rightful oaths and generally do everything necessary or desirable to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention.

The ASSIGNORS authorize any attorneys and agents who have a power of attorney in this application to check any appropriate boxes and to insert the Serial Number and filing date in this document after it has been executed.

Dominique PLEE  
Name of sole or first inventor

  
Signature

September the 26<sup>th</sup> of 2000  
Date

\_\_\_\_\_  
Name of second inventor, if any

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Name of third inventor, if any

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Name of fourth inventor, if any

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

03380111



**UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office**

ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

FEBRUARY 27, 2001

PTAS

SMITH, GAMBRELL & RUSSELL, LLP  
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SUITE 800  
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WASHINGTON, D.C. 20036



\*101556775A\*

**UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT**

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 11/17/2000

REEL/FRAME: 011340/0317  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

**ASSIGNOR:**

PLEE, DOMINIQUE

DOC DATE: 09/26/2000

**ASSIGNEE:**

CECA S.A.  
4/8 COURS MICHELET  
92800 PUTEAUX, FRANCE

SERIAL NUMBER: 09623801  
PATENT NUMBER:

FILING DATE:  
ISSUE DATE:

MARCUS KIRK, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

12-20-2000



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11.17.00

79/623801  
Rec'd PCT/PTO 17 NOV 2000**RECORDATION COVER SHEET - ATTENTION: BOX ASSIGNMENTS****To the Commissioner for Patents:**

Please record the attached original documents or copies thereof.

1. Name(s) of Conveying Party(ies): Dominique PLEE

2. Name(s) and Address(es) of Receiving Party(ies):

CECA S.A., 4/8 COURS MICHELET, 92800 PUTEAUX, FRANCE

3. Nature of Conveyance: Assignment

Execution Date: 26 September 2000

4A. Patent Application No.(s): 09/623,801

Execution Date: 26 September 2000

4B. Patent No.(s):

5. Name and Address of Party to Whom Correspondence Regarding This Document Should Be Mailed:

Smith, Gambrell & Russell, LLP,  
Beveridge, DeGrandi, Weilacher & Young, Intellectual Property Group  
Suite 800, 1850 M Street N.W., Washington, D.C. 20036  
(202) 659-2811

Attorney Docket No.: 033808.111

6. Total Number of Applications and Patents involved: ONE

7. Total Fee: \$40.00

**CHECK INCLUDING RECORDATION FEE FILED HEREWITH**

8. Please charge any addition fee or overpayment to Deposit Account No. 02-4300

**DO NOT USE THIS SPACE**9. **Statement and Signature:** To the best of my knowledge and belief, the foregoing information is true and correct, and any attached copy is a true copy of the original document.

Frederick F. Calvetti, Reg. No. 28,557

17 November 2000  
Date

Total Number of Pages (including cover sheet): 3